

Title (en)

Preparation of linear polyester compositions via polyepoxide concentrate.

Title (de)

Herstellung von linearen Polyesterzusammensetzungen mit der Hilfe eines Polyepoxydkonzentrats.

Title (fr)

Préparation de compositions de polyesters linéaires à l'aide d'un mélange mère de polyépoxyde.

Publication

**EP 0317797 A2 19890531 (EN)**

Application

**EP 88118126 A 19881031**

Priority

US 12585987 A 19871127

Abstract (en)

Linear polyester compositions having high melt viscosities, especially under conditions of low shear, are prepared in a two-step method. The first step is the intimate blending of an inert polymer, preferably a polyester, polycarbonate or copolyestercarbonate, with a polyfunctional epoxyalkyl compound such as triglycidyl isocyanurate to form a concentrate. The second step is the reaction of said concentrate with a polyester, such as poly(ethylene terephthalate) or poly(butylene terephthalate), containing a measurable proportion of carboxylic acid end groups.

IPC 1-7

**C08L 63/00**; **C08L 67/00**

IPC 8 full level

**C08G 59/32** (2006.01); **C08G 59/42** (2006.01); **C08L 63/00** (2006.01); **C08L 67/00** (2006.01); **C08L 67/02** (2006.01)

CPC (source: EP)

**C08G 59/3245** (2013.01); **C08G 59/4276** (2013.01); **C08L 63/00** (2013.01)

Cited by

US4959422A

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

**EP 0317797 A2 19890531**; **EP 0317797 A3 19910320**; JP H01201358 A 19890814

DOCDB simple family (application)

**EP 88118126 A 19881031**; JP 29845488 A 19881128